

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081120\
 Data File : PQ049237.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2020 15:27
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 12 05:46:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 07 07:58:16 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.265	4.281	135.3E6	87124183	21.982	24.582
2)	SA Decachlor...	11.512	9.652	415.6E6	226.4E6	44.238	48.707
Target Compounds							
3)	L1 AR-1016-1	6.599	5.546	69269913	44377226	268.854	287.481
4)	L1 AR-1016-2	6.624	5.566	80938594	45816195	226.868	219.288
5)	L1 AR-1016-3	6.690	5.761	41288689	29388765	190.131	284.172 #
6)	L1 AR-1016-4	6.797	5.810	44698442	57422247	250.497	707.460 #
7)	L1 AR-1016-5	7.114	6.041	107.8E6	72034296	583.976	628.737
8)	L2 AR-1221-1	5.507	0.000	803535	0	10.746	N.D. #
9)	L2 AR-1221-2	5.623	4.639	3834935	2302120	66.760	71.739
10)	L2 AR-1221-3	5.709	4.728	8502771	5058879	45.443	46.289
11)	L3 AR-1232-1	5.709	4.728	8502771	5058879	56.440	58.122
12)	L3 AR-1232-2	6.302	5.566	29858144	45816195	381.752	468.102
13)	L3 AR-1232-3	6.624	5.761	80938594	29388765	481.895	610.534 #
14)	L3 AR-1232-4	6.797	5.856	44698442	58393225	528.461	1349.843 #
15)	L3 AR-1232-5	6.893	6.041	93040435	72034296	1479.037	1448.793
16)	L4 AR-1242-1	6.599	5.546	69269913	44377226	294.901	319.360
17)	L4 AR-1242-2	6.624	5.566	80938594	45816195	252.263	243.864
18)	L4 AR-1242-3	6.690	5.761	41288689	29388765	207.541	305.857 #
19)	L4 AR-1242-4	6.797	5.856	44698442	58393225	267.973	615.496 #
20)	L4 AR-1242-5	7.584	6.421	126.0E6	112.4E6	618.826	808.563 #
21)	L5 AR-1248-1	6.599	5.546	69269913	44377226	412.508	437.609
22)	L5 AR-1248-2	6.893	5.810	93040435	57422247	413.016	460.035
23)	L5 AR-1248-3	7.114	5.856	107.8E6	58393225	421.944	453.154
24)	L5 AR-1248-4	7.545	6.041	132.0E6	72034296	413.287	450.586
25)	L5 AR-1248-5	7.584	6.465	126.0E6	78112052	416.536	451.829
26)	L6 AR-1254-1	7.513	6.421	100.7E6	112.4E6	312.294	413.380 #
27)	L6 AR-1254-2	7.751	6.580	130.7E6	32459939	258.083	133.057 #
28)	L6 AR-1254-3	8.129	7.003	71196374	48927450	133.159	121.325
29)	L6 AR-1254-4	8.426	7.242	56038779	36263275	119.664	134.447
30)	L6 AR-1254-5	8.857	7.673	13891530	10199088	28.956	27.688
31)	L7 AR-1260-1	8.294	7.152	9347733	24355087	25.556	106.790 #
32)	L7 AR-1260-2	8.557	7.336	14234204	4973145	28.625	17.188 #
33)	L7 AR-1260-3	8.926	7.492	3937084	6617912	9.363	25.586 #
34)	L7 AR-1260-4	9.173	7.979	6785581	1714269	16.277	7.519 #
35)	L7 AR-1260-5	9.525	8.223	7098291	3236933	6.929	5.446
36)	L8 AR-1262-1	8.926	7.673	3937084	10199088	5.475	48.860 #
37)	L8 AR-1262-2	9.525	8.223	7098291	3236933	5.227	4.093
38)	L8 AR-1262-3	9.862	8.514	2272478	1246567	3.516	3.867
39)	L8 AR-1262-4	9.952	8.577	3711642	2919433	5.052	4.954
40)	L8 AR-1262-5	10.697	9.084	3106771	1168791	5.632	4.151 #
41)	L9 AR-1268-1	9.862	8.514	2272478	1246567	1.320	1.349

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081120\
Data File : PQ049237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2020 15:27
Operator : DD\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

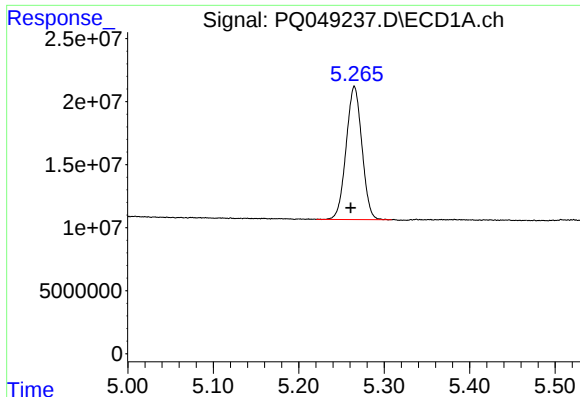
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 05:46:05 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 07 07:58:16 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.952	8.577	3711642	2919433	2.361	3.392 #
43) L9	AR-1268-3	10.213	8.788	4575021	2081144	3.310	2.890
44) L9	AR-1268-4	10.697	9.084	3106771	1168791	5.034	3.726 #
45) L9	AR-1268-5	11.148	9.388	5889404	2075457	1.367	0.903 #

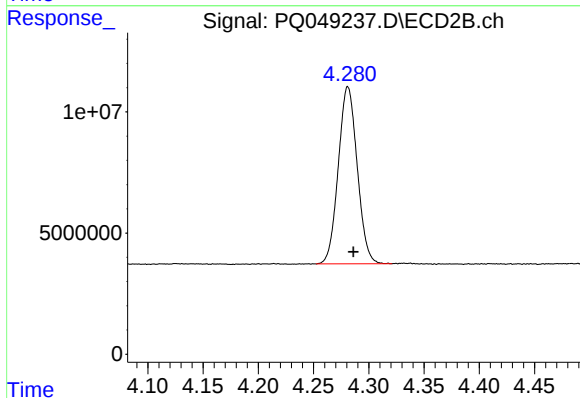
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

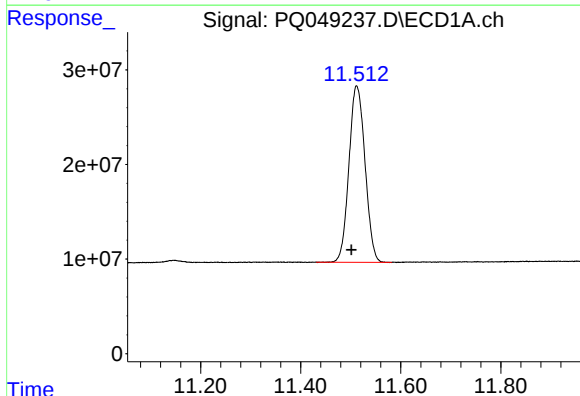
R.T.: 5.265 min
Delta R.T.: 0.004 min
Response: 135318956
Conc: 21.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



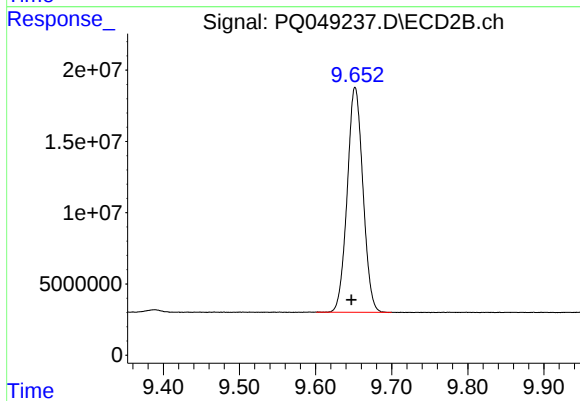
#1 Tetrachloro-m-xylene

R.T.: 4.281 min
Delta R.T.: -0.005 min
Response: 87124183
Conc: 24.58 ng/ml



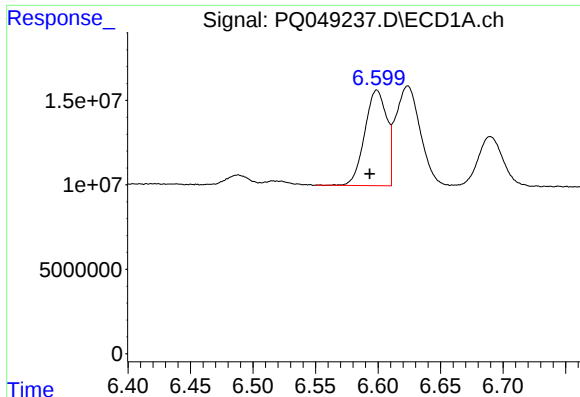
#2 Decachlorobiphenyl

R.T.: 11.512 min
Delta R.T.: 0.010 min
Response: 415556191
Conc: 44.24 ng/ml



#2 Decachlorobiphenyl

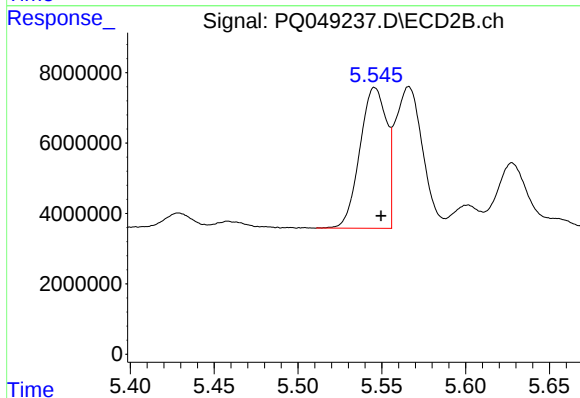
R.T.: 9.652 min
Delta R.T.: 0.005 min
Response: 226424898
Conc: 48.71 ng/ml



#3 AR-1016-1

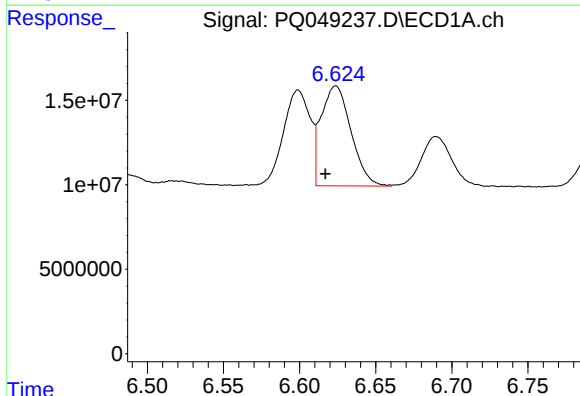
R.T.: 6.599 min
Delta R.T.: 0.006 min
Response: 69269913
Conc: 268.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



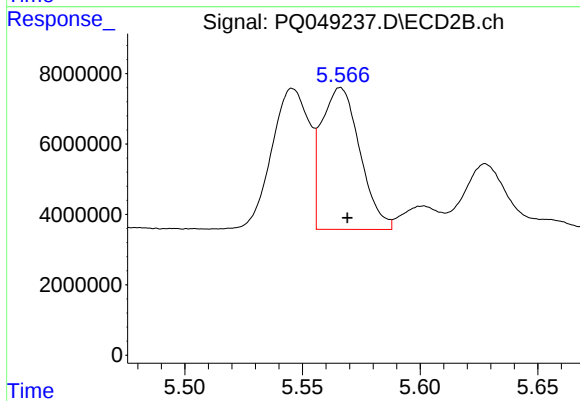
#3 AR-1016-1

R.T.: 5.546 min
Delta R.T.: -0.004 min
Response: 44377226
Conc: 287.48 ng/ml



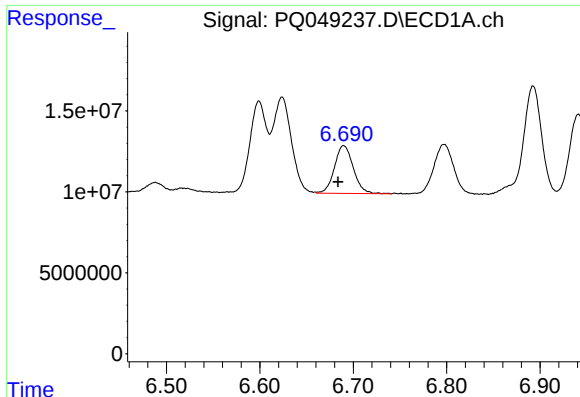
#4 AR-1016-2

R.T.: 6.624 min
Delta R.T.: 0.007 min
Response: 80938594
Conc: 226.87 ng/ml



#4 AR-1016-2

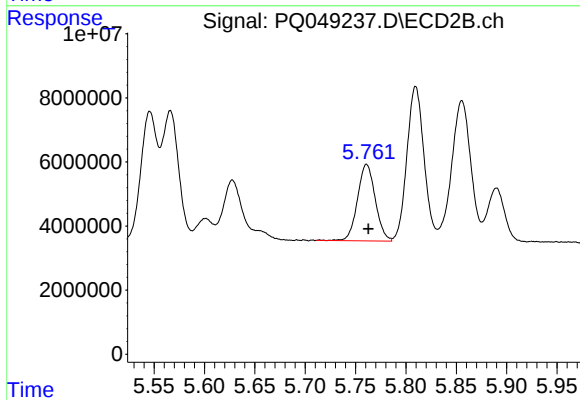
R.T.: 5.566 min
Delta R.T.: -0.003 min
Response: 45816195
Conc: 219.29 ng/ml



#5 AR-1016-3

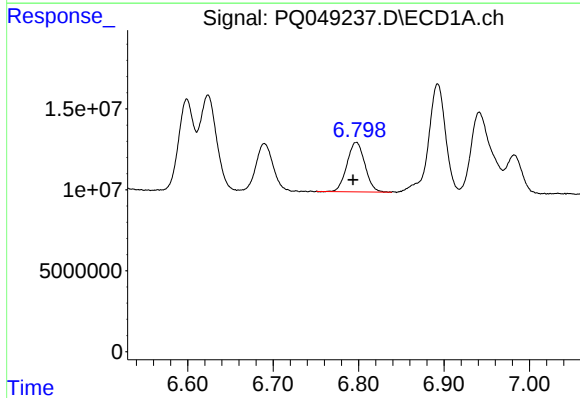
R.T.: 6.690 min
Delta R.T.: 0.006 min
Response: 41288689
Conc: 190.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



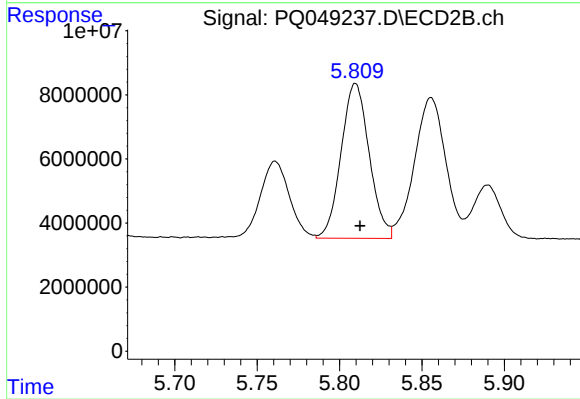
#5 AR-1016-3

R.T.: 5.761 min
Delta R.T.: -0.002 min
Response: 29388765
Conc: 284.17 ng/ml



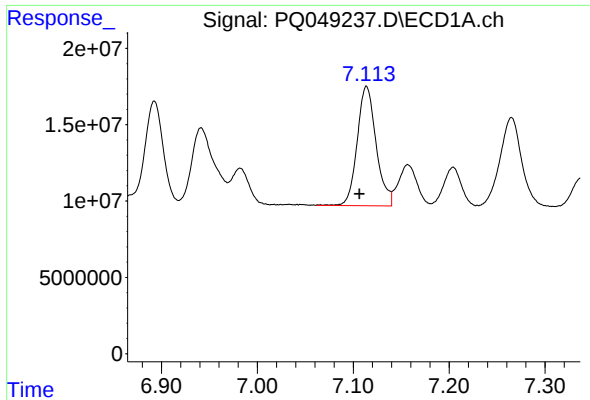
#6 AR-1016-4

R.T.: 6.797 min
Delta R.T.: 0.004 min
Response: 44698442
Conc: 250.50 ng/ml



#6 AR-1016-4

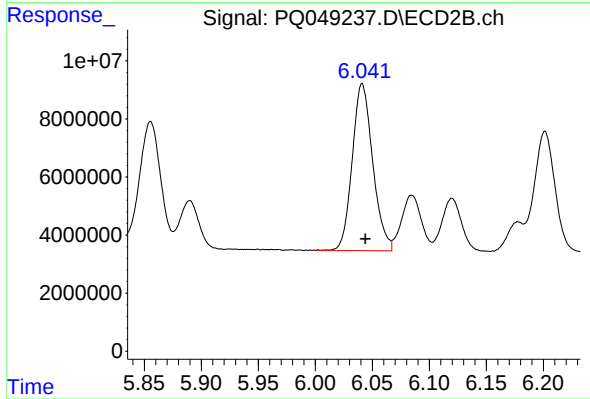
R.T.: 5.810 min
Delta R.T.: -0.003 min
Response: 57422247
Conc: 707.46 ng/ml



#7 AR-1016-5

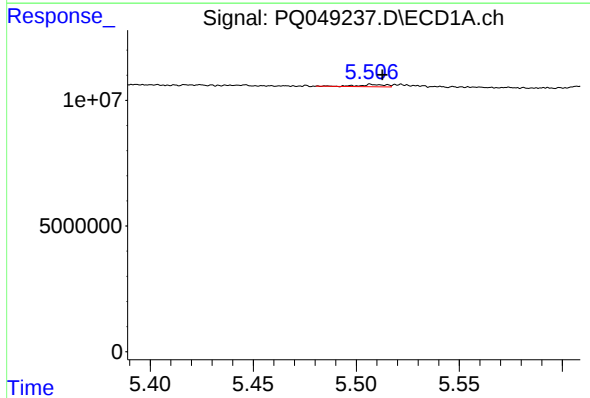
R.T.: 7.114 min
Delta R.T.: 0.007 min
Response: 107787897
Conc: 583.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



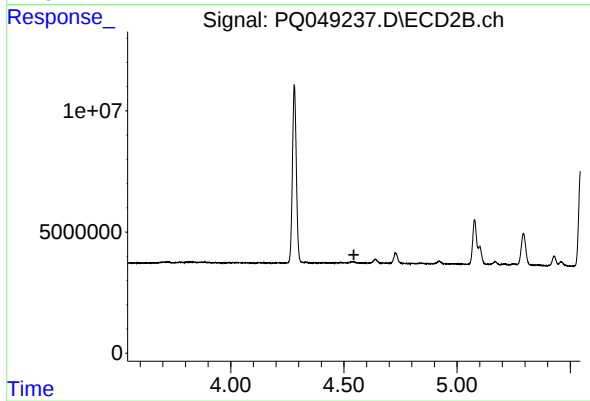
#7 AR-1016-5

R.T.: 6.041 min
Delta R.T.: -0.003 min
Response: 72034296
Conc: 628.74 ng/ml



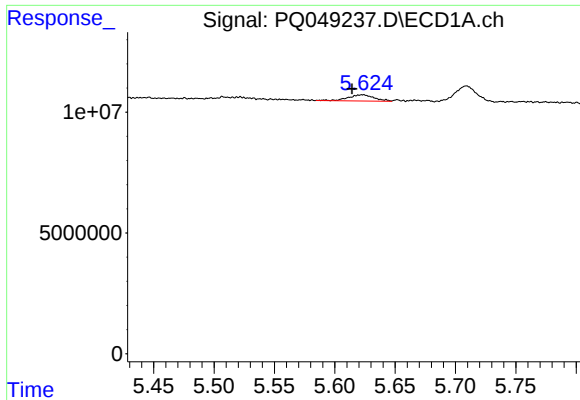
#8 AR-1221-1

R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 803535
Conc: 10.75 ng/ml



#8 AR-1221-1

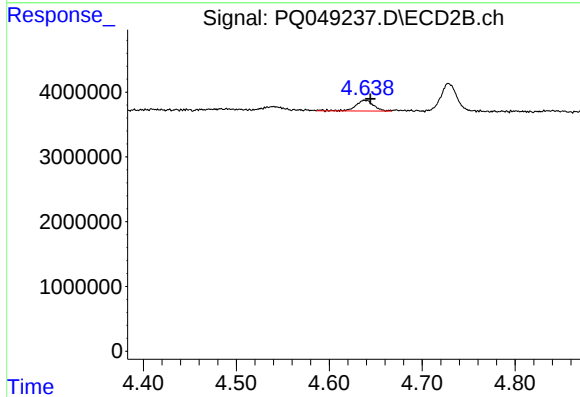
R.T.: 0.000 min
Exp R.T.: 4.544 min
Response: 0
Conc: N.D.



#9 AR-1221-2

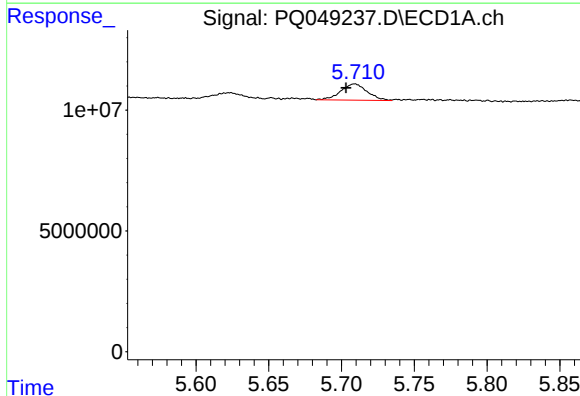
R.T.: 5.623 min
Delta R.T.: 0.009 min
Response: 3834935
Conc: 66.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



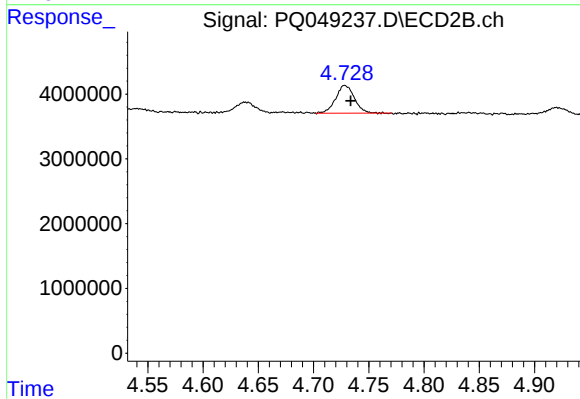
#9 AR-1221-2

R.T.: 4.639 min
Delta R.T.: -0.006 min
Response: 2302120
Conc: 71.74 ng/ml



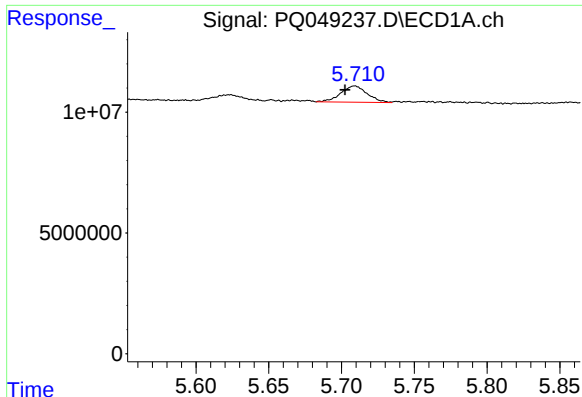
#10 AR-1221-3

R.T.: 5.709 min
Delta R.T.: 0.006 min
Response: 8502771
Conc: 45.44 ng/ml



#10 AR-1221-3

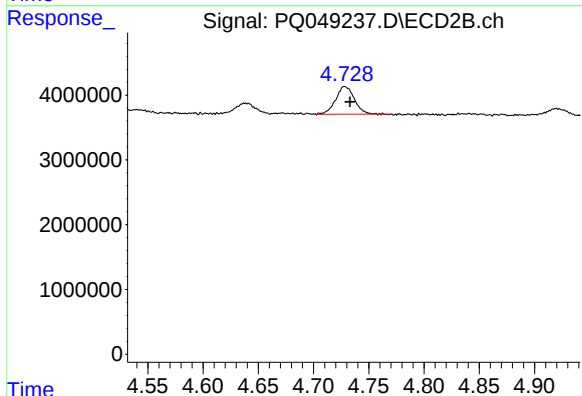
R.T.: 4.728 min
Delta R.T.: -0.005 min
Response: 5058879
Conc: 46.29 ng/ml



#11 AR-1232-1

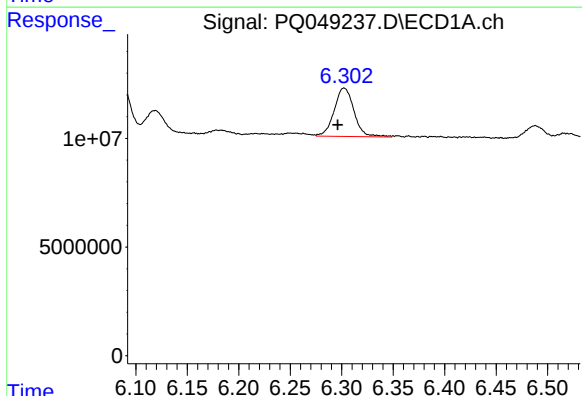
R.T.: 5.709 min
Delta R.T.: 0.007 min
Response: 8502771
Conc: 56.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



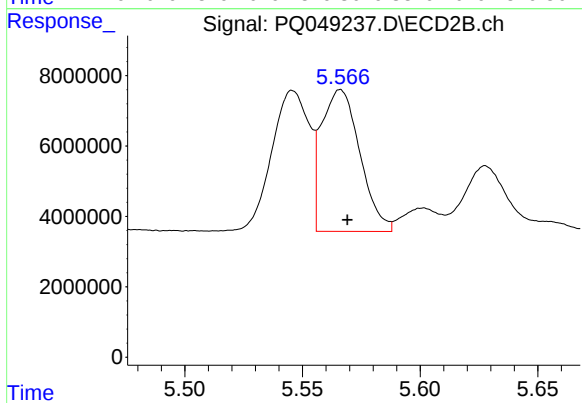
#11 AR-1232-1

R.T.: 4.728 min
Delta R.T.: -0.005 min
Response: 5058879
Conc: 58.12 ng/ml



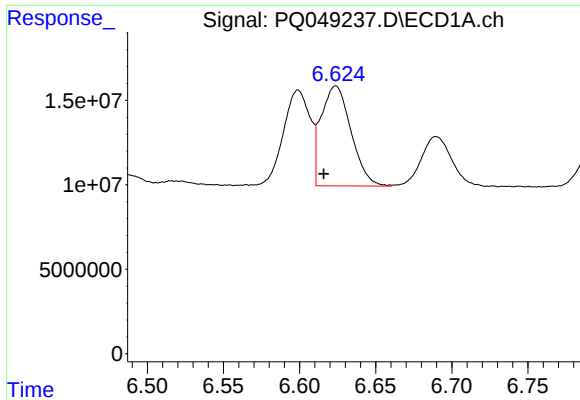
#12 AR-1232-2

R.T.: 6.302 min
Delta R.T.: 0.006 min
Response: 29858144
Conc: 381.75 ng/ml



#12 AR-1232-2

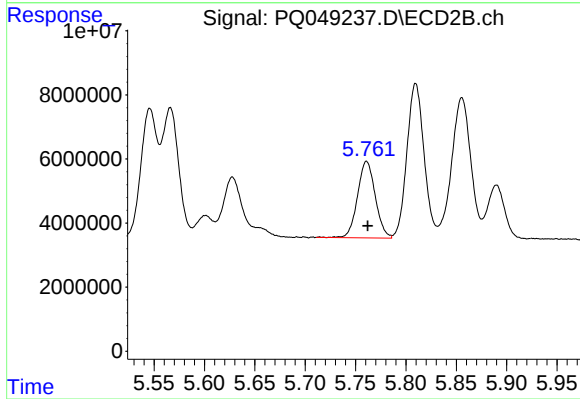
R.T.: 5.566 min
Delta R.T.: -0.003 min
Response: 45816195
Conc: 468.10 ng/ml



#13 AR-1232-3

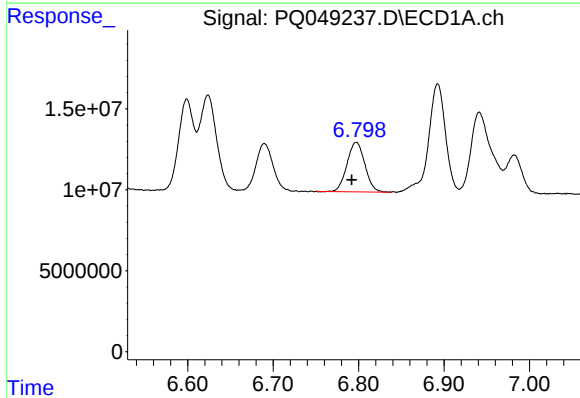
R.T.: 6.624 min
Delta R.T.: 0.008 min
Response: 80938594
Conc: 481.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



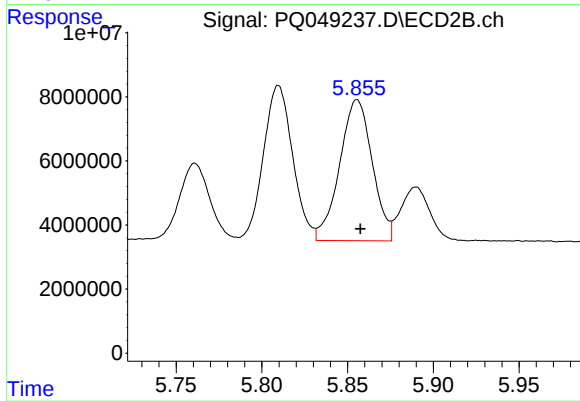
#13 AR-1232-3

R.T.: 5.761 min
Delta R.T.: -0.001 min
Response: 29388765
Conc: 610.53 ng/ml



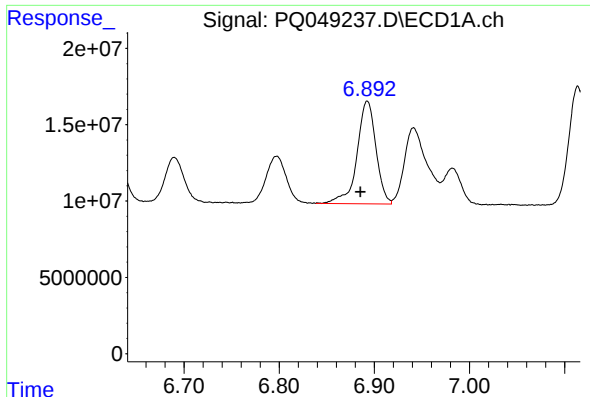
#14 AR-1232-4

R.T.: 6.797 min
Delta R.T.: 0.005 min
Response: 44698442
Conc: 528.46 ng/ml



#14 AR-1232-4

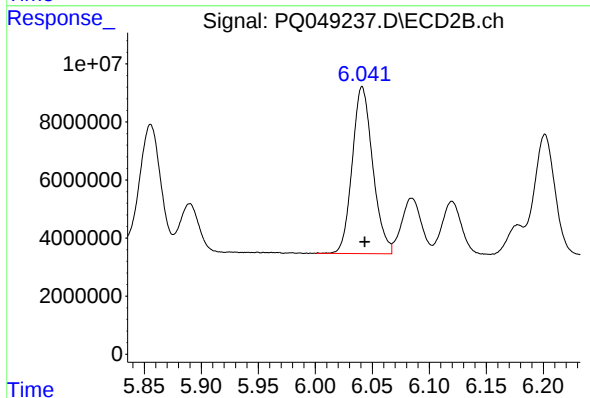
R.T.: 5.856 min
Delta R.T.: -0.002 min
Response: 58393225
Conc: 1349.84 ng/ml



#15 AR-1232-5

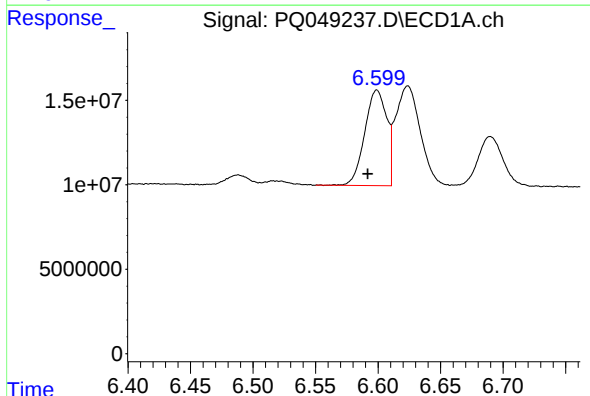
R.T.: 6.893 min
Delta R.T.: 0.007 min
Response: 93040435
Conc: 1479.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



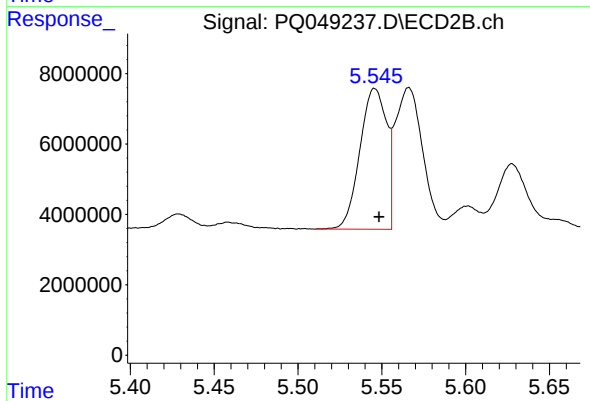
#15 AR-1232-5

R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 72034296
Conc: 1448.79 ng/ml



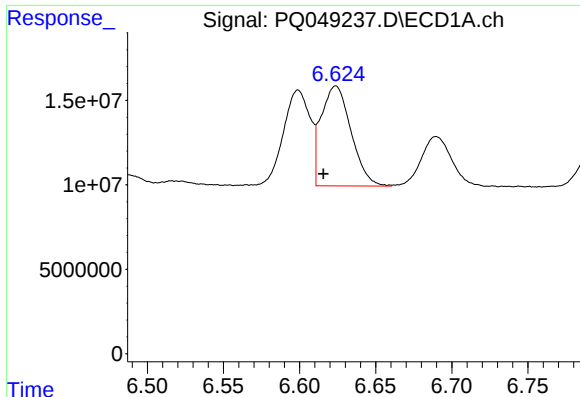
#16 AR-1242-1

R.T.: 6.599 min
Delta R.T.: 0.007 min
Response: 69269913
Conc: 294.90 ng/ml



#16 AR-1242-1

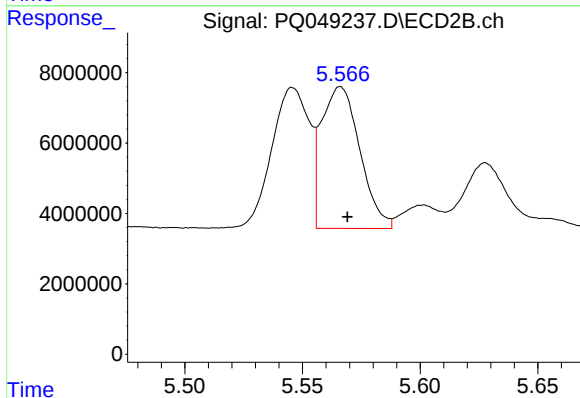
R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 44377226
Conc: 319.36 ng/ml



#17 AR-1242-2

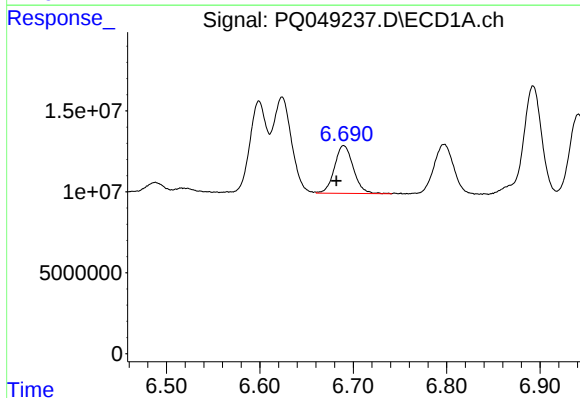
R.T.: 6.624 min
Delta R.T.: 0.008 min
Response: 80938594
Conc: 252.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



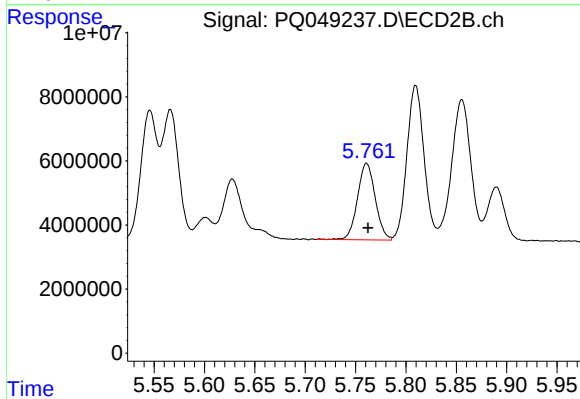
#17 AR-1242-2

R.T.: 5.566 min
Delta R.T.: -0.003 min
Response: 45816195
Conc: 243.86 ng/ml



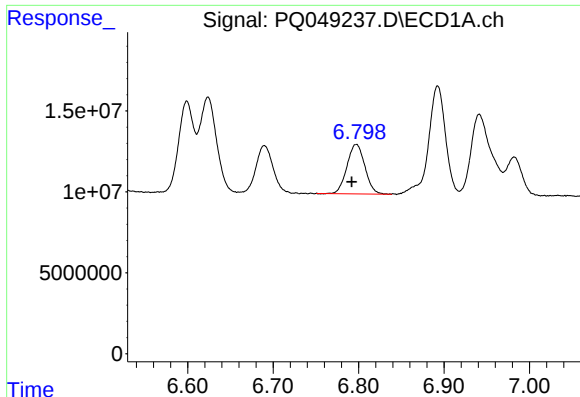
#18 AR-1242-3

R.T.: 6.690 min
Delta R.T.: 0.008 min
Response: 41288689
Conc: 207.54 ng/ml



#18 AR-1242-3

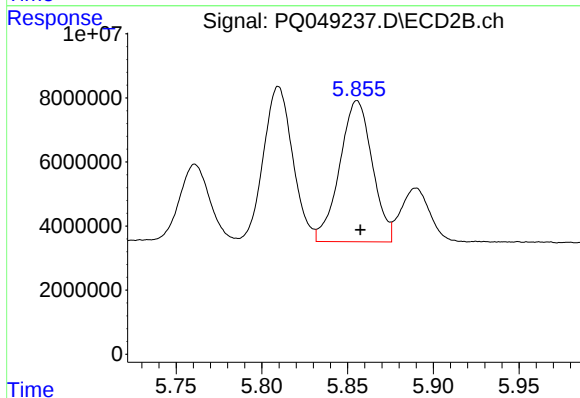
R.T.: 5.761 min
Delta R.T.: -0.001 min
Response: 29388765
Conc: 305.86 ng/ml



#19 AR-1242-4

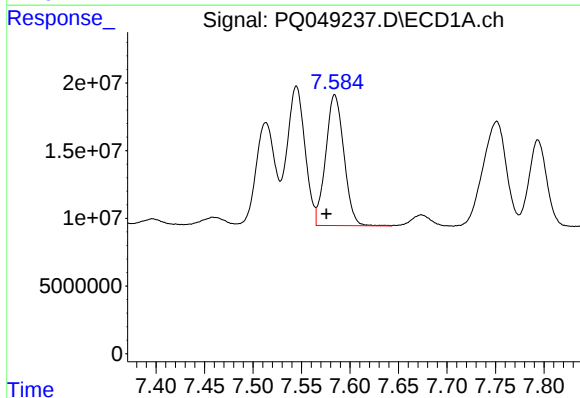
R.T.: 6.797 min
Delta R.T.: 0.005 min
Response: 44698442
Conc: 267.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



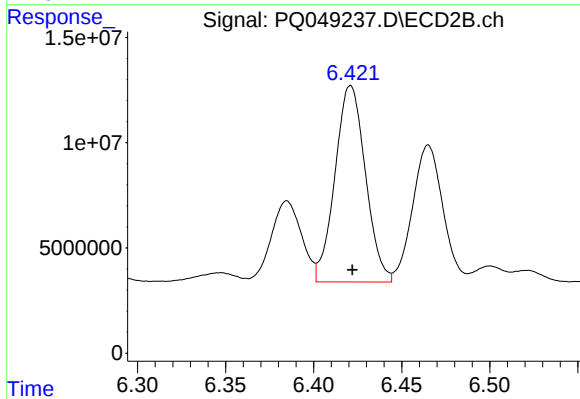
#19 AR-1242-4

R.T.: 5.856 min
Delta R.T.: -0.002 min
Response: 58393225
Conc: 615.50 ng/ml



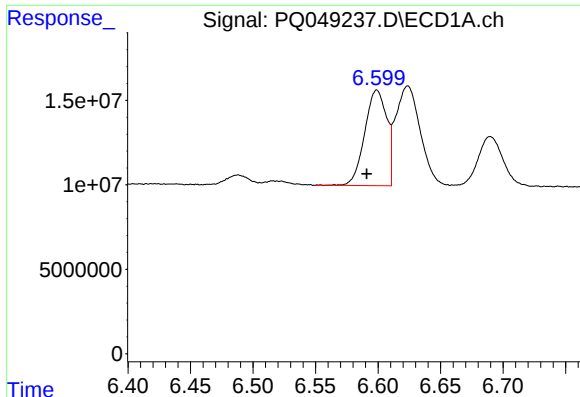
#20 AR-1242-5

R.T.: 7.584 min
Delta R.T.: 0.009 min
Response: 125964533
Conc: 618.83 ng/ml



#20 AR-1242-5

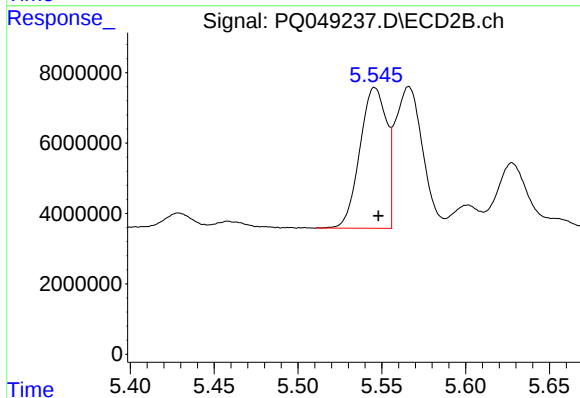
R.T.: 6.421 min
Delta R.T.: -0.001 min
Response: 112448314
Conc: 808.56 ng/ml



#21 AR-1248-1

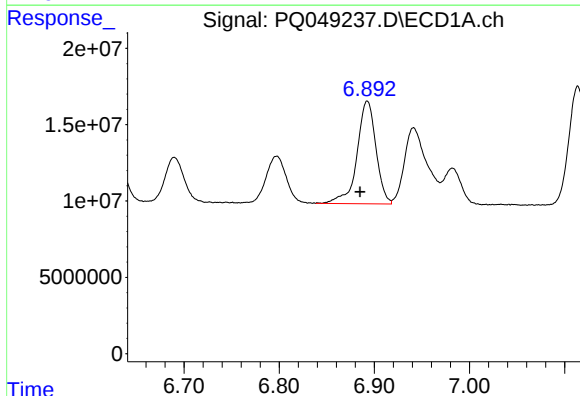
R.T.: 6.599 min
Delta R.T.: 0.008 min
Response: 69269913
Conc: 412.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



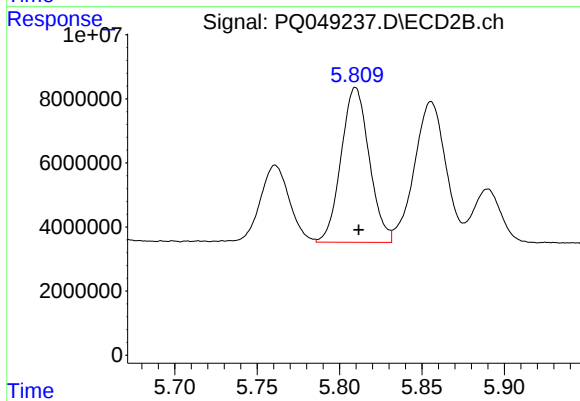
#21 AR-1248-1

R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 44377226
Conc: 437.61 ng/ml



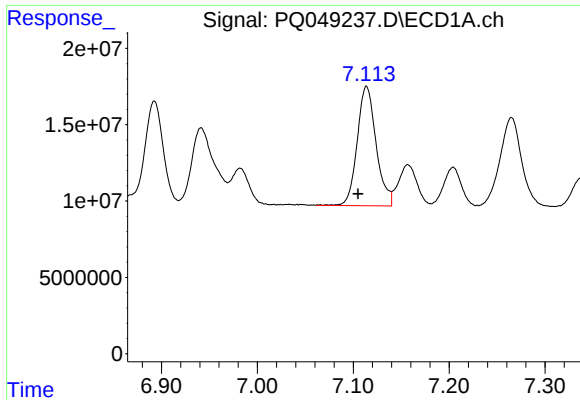
#22 AR-1248-2

R.T.: 6.893 min
Delta R.T.: 0.008 min
Response: 93040435
Conc: 413.02 ng/ml



#22 AR-1248-2

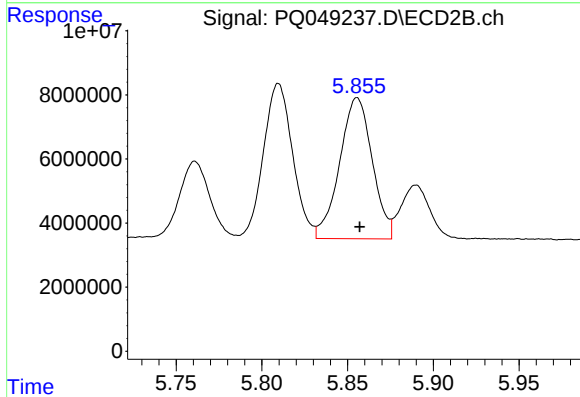
R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 57422247
Conc: 460.03 ng/ml



#23 AR-1248-3

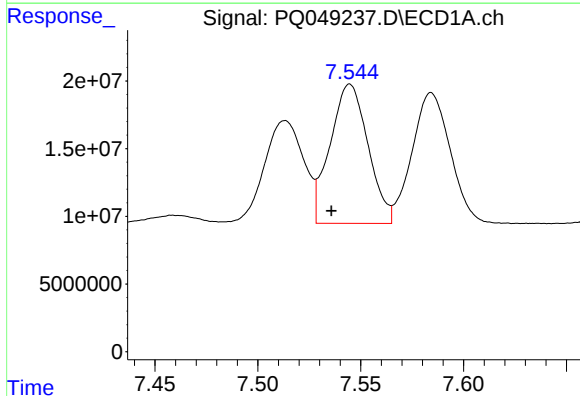
R.T.: 7.114 min
Delta R.T.: 0.009 min
Response: 107787897
Conc: 421.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



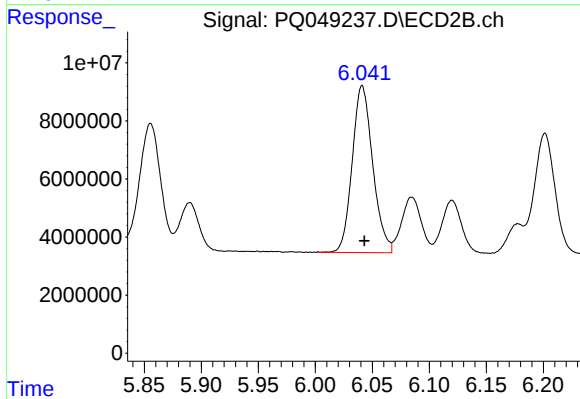
#23 AR-1248-3

R.T.: 5.856 min
Delta R.T.: -0.001 min
Response: 58393225
Conc: 453.15 ng/ml



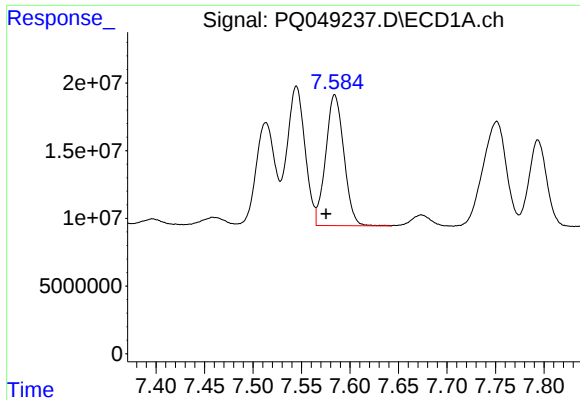
#24 AR-1248-4

R.T.: 7.545 min
Delta R.T.: 0.009 min
Response: 132003038
Conc: 413.29 ng/ml



#24 AR-1248-4

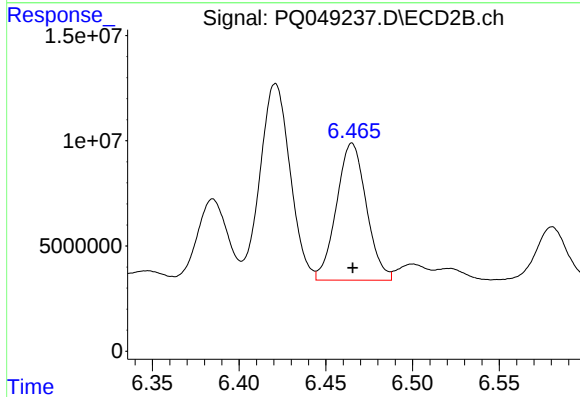
R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 72034296
Conc: 450.59 ng/ml



#25 AR-1248-5

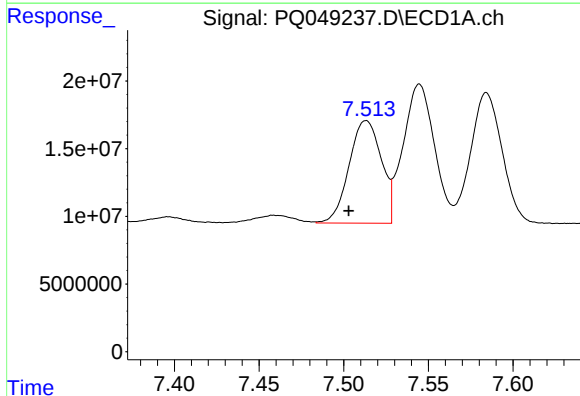
R.T.: 7.584 min
Delta R.T.: 0.009 min
Response: 125964533
Conc: 416.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



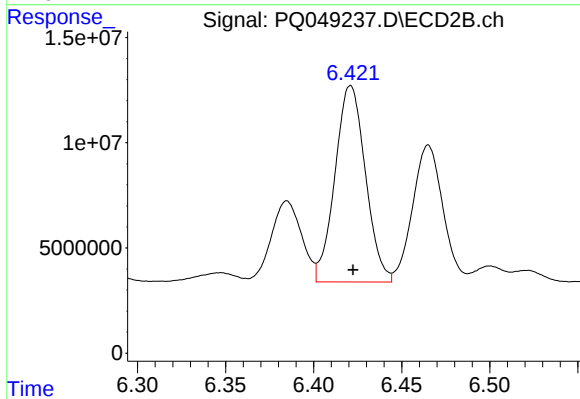
#25 AR-1248-5

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 78112052
Conc: 451.83 ng/ml



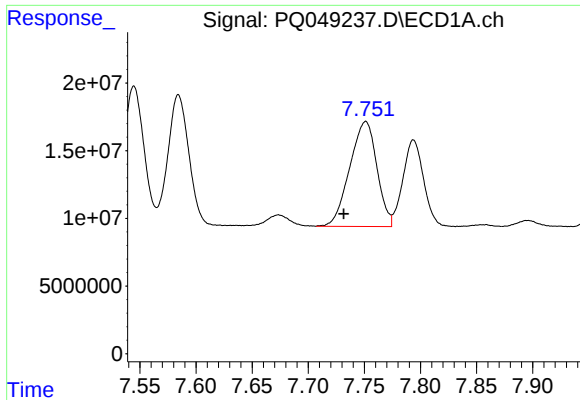
#26 AR-1254-1

R.T.: 7.513 min
Delta R.T.: 0.010 min
Response: 100660367
Conc: 312.29 ng/ml



#26 AR-1254-1

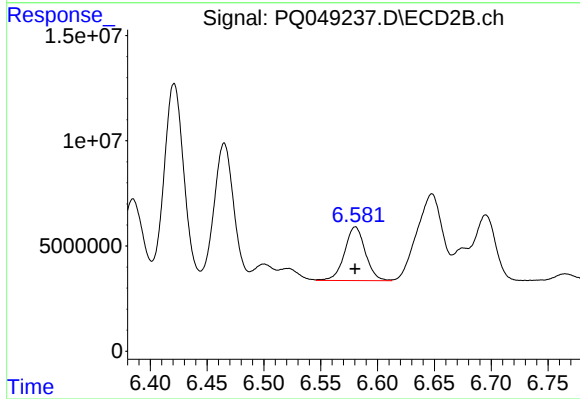
R.T.: 6.421 min
Delta R.T.: -0.001 min
Response: 112448314
Conc: 413.38 ng/ml



#27 AR-1254-2

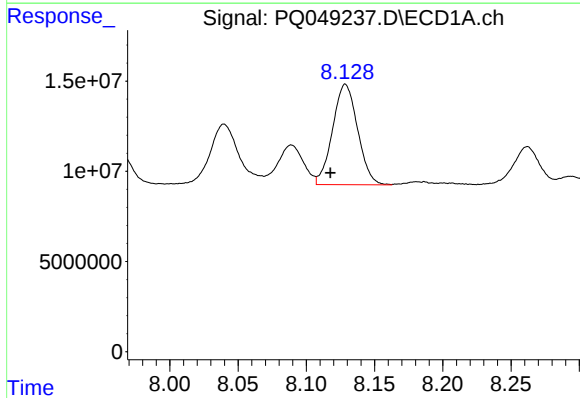
R.T.: 7.751 min
Delta R.T.: 0.020 min
Response: 130690036
Conc: 258.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



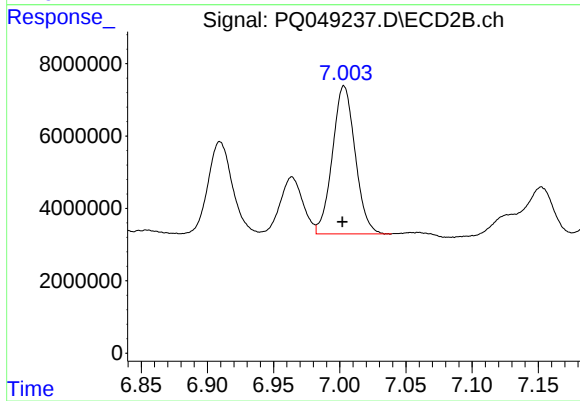
#27 AR-1254-2

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 32459939
Conc: 133.06 ng/ml



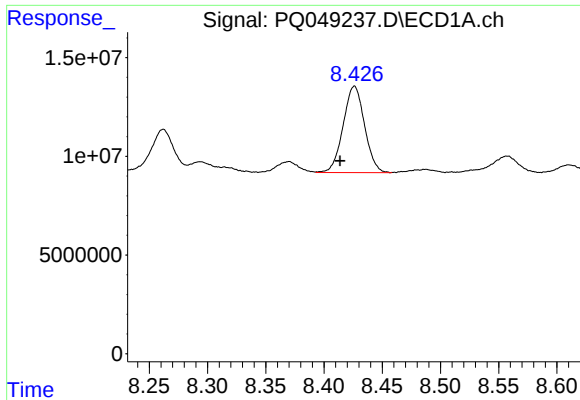
#28 AR-1254-3

R.T.: 8.129 min
Delta R.T.: 0.011 min
Response: 71196374
Conc: 133.16 ng/ml



#28 AR-1254-3

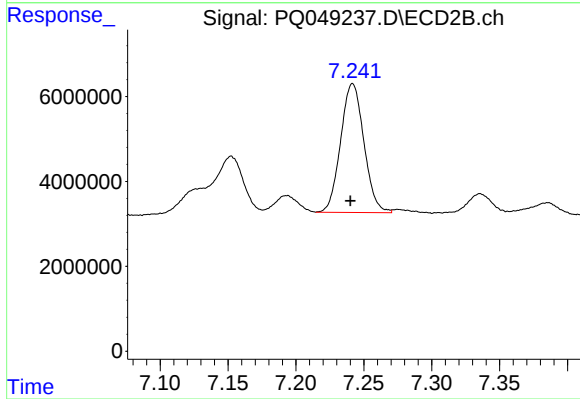
R.T.: 7.003 min
Delta R.T.: 0.001 min
Response: 48927450
Conc: 121.32 ng/ml



#29 AR-1254-4

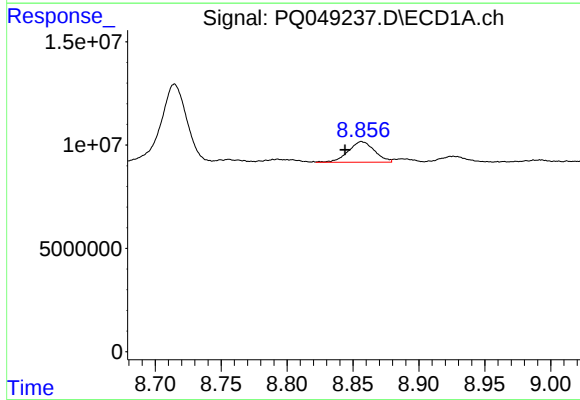
R.T.: 8.426 min
Delta R.T.: 0.012 min
Response: 56038779
Conc: 119.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



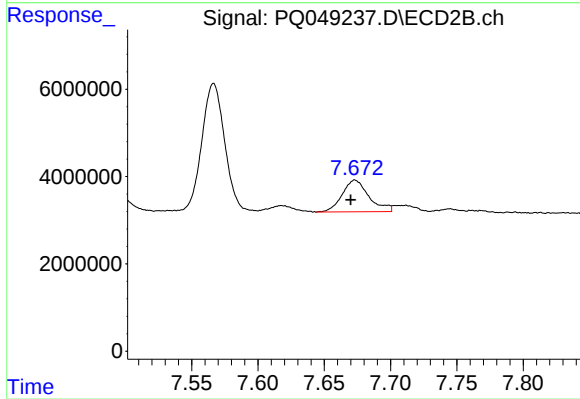
#29 AR-1254-4

R.T.: 7.242 min
Delta R.T.: 0.002 min
Response: 36263275
Conc: 134.45 ng/ml



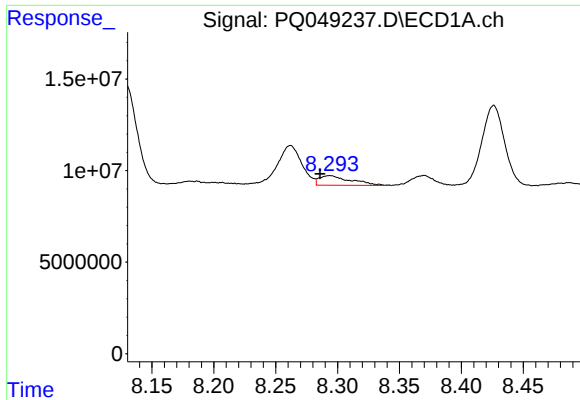
#30 AR-1254-5

R.T.: 8.857 min
Delta R.T.: 0.013 min
Response: 13891530
Conc: 28.96 ng/ml



#30 AR-1254-5

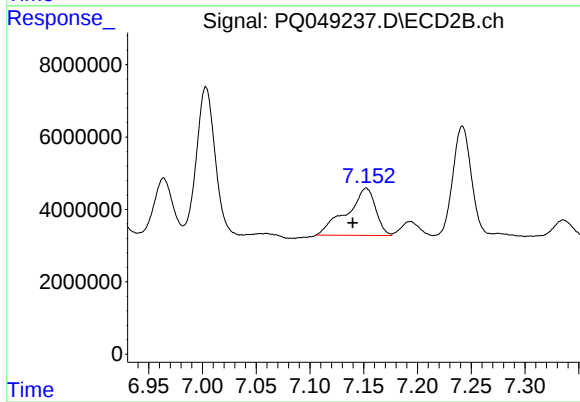
R.T.: 7.673 min
Delta R.T.: 0.003 min
Response: 10199088
Conc: 27.69 ng/ml



#31 AR-1260-1

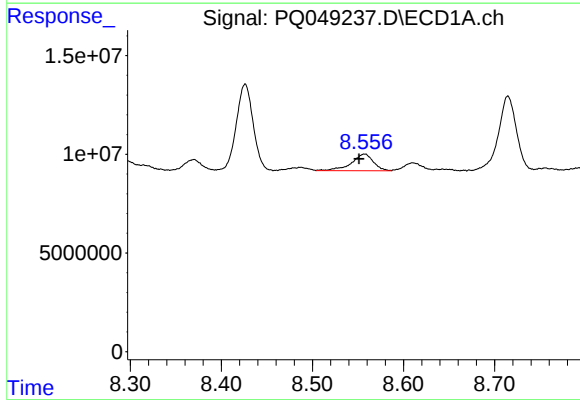
R.T.: 8.294 min
Delta R.T.: 0.008 min
Response: 9347733
Conc: 25.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



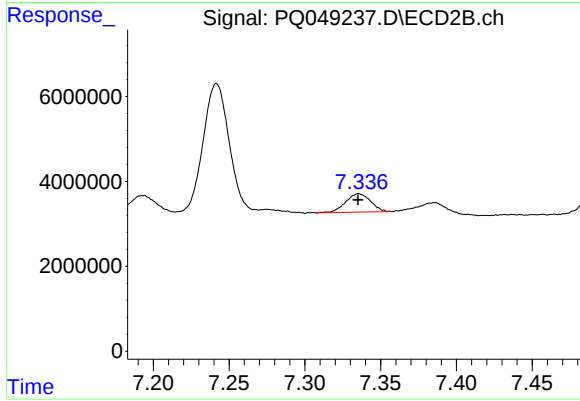
#31 AR-1260-1

R.T.: 7.152 min
Delta R.T.: 0.013 min
Response: 24355087
Conc: 106.79 ng/ml



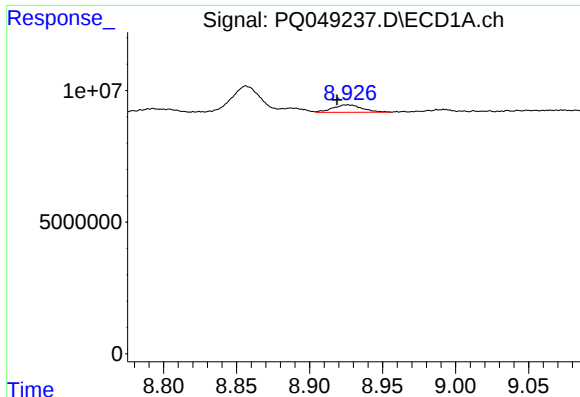
#32 AR-1260-2

R.T.: 8.557 min
Delta R.T.: 0.006 min
Response: 14234204
Conc: 28.63 ng/ml



#32 AR-1260-2

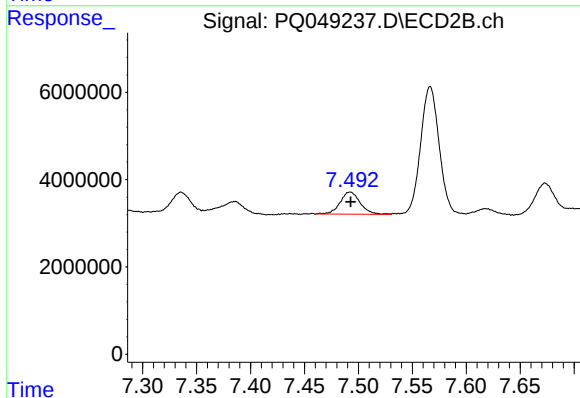
R.T.: 7.336 min
Delta R.T.: 0.000 min
Response: 4973145
Conc: 17.19 ng/ml



#33 AR-1260-3

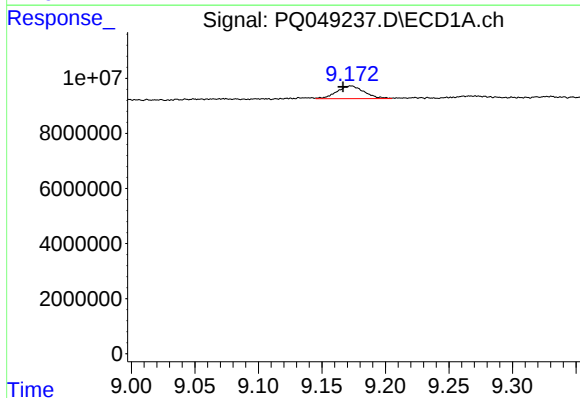
R.T.: 8.926 min
Delta R.T.: 0.007 min
Response: 3937084
Conc: 9.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



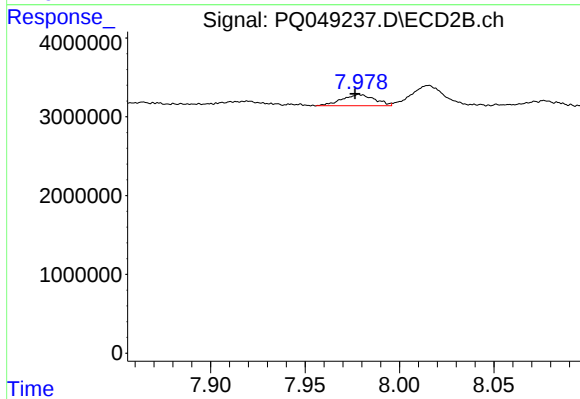
#33 AR-1260-3

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 6617912
Conc: 25.59 ng/ml



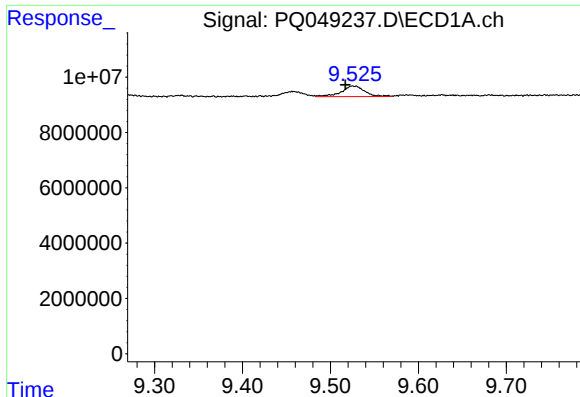
#34 AR-1260-4

R.T.: 9.173 min
Delta R.T.: 0.006 min
Response: 6785581
Conc: 16.28 ng/ml



#34 AR-1260-4

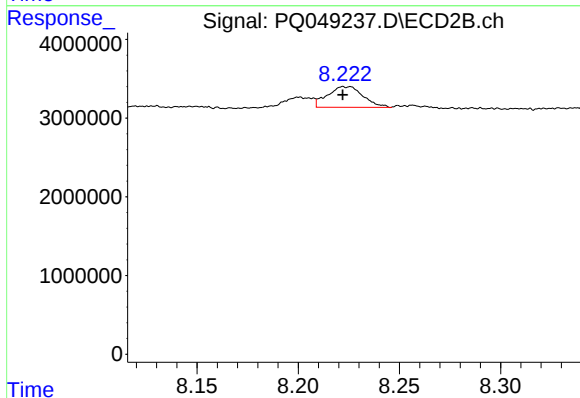
R.T.: 7.979 min
Delta R.T.: 0.003 min
Response: 1714269
Conc: 7.52 ng/ml



#35 AR-1260-5

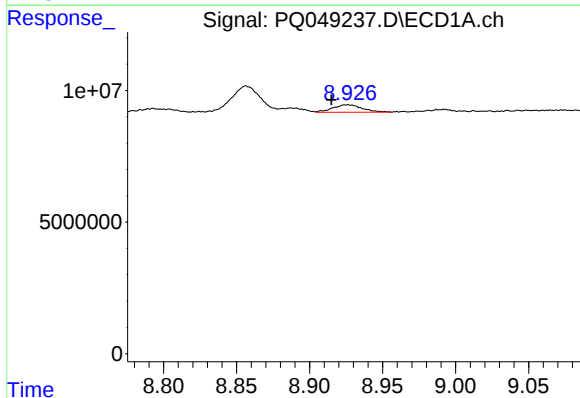
R.T.: 9.525 min
Delta R.T.: 0.008 min
Response: 7098291
Conc: 6.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



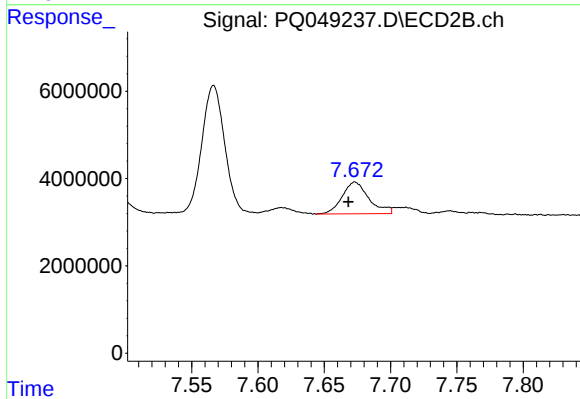
#35 AR-1260-5

R.T.: 8.223 min
Delta R.T.: 0.001 min
Response: 3236933
Conc: 5.45 ng/ml



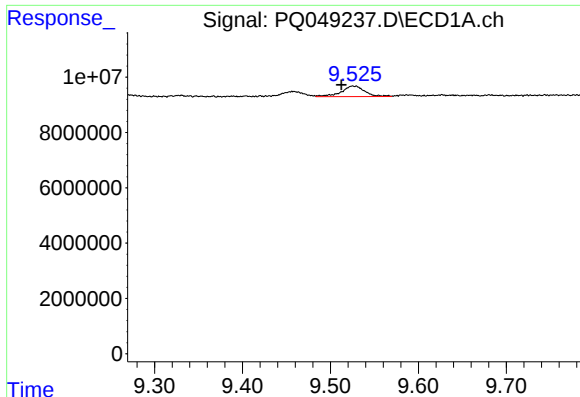
#36 AR-1262-1

R.T.: 8.926 min
Delta R.T.: 0.011 min
Response: 3937084
Conc: 5.48 ng/ml



#36 AR-1262-1

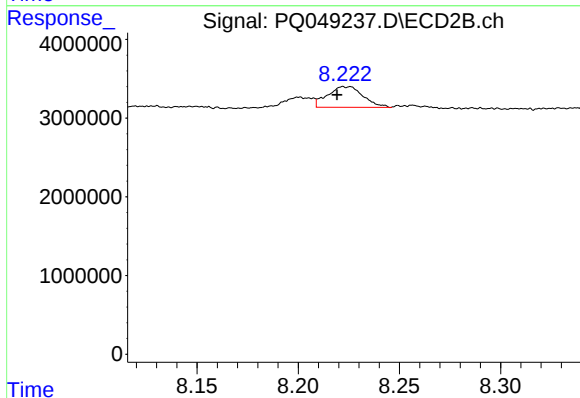
R.T.: 7.673 min
Delta R.T.: 0.005 min
Response: 10199088
Conc: 48.86 ng/ml



#37 AR-1262-2

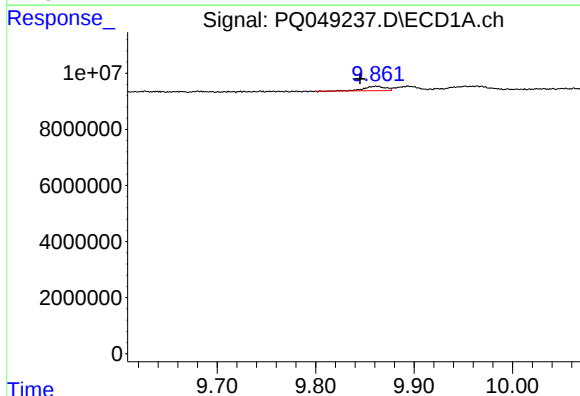
R.T.: 9.525 min
Delta R.T.: 0.013 min
Response: 7098291
Conc: 5.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



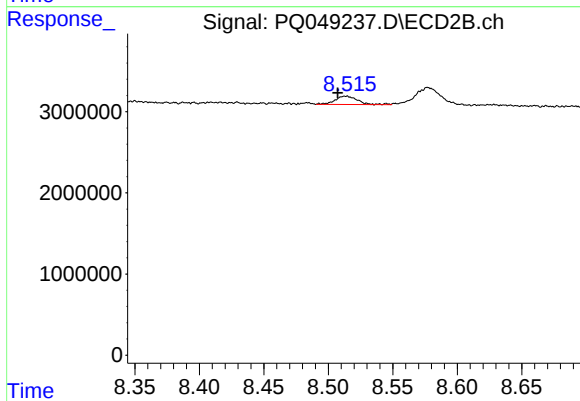
#37 AR-1262-2

R.T.: 8.223 min
Delta R.T.: 0.004 min
Response: 3236933
Conc: 4.09 ng/ml



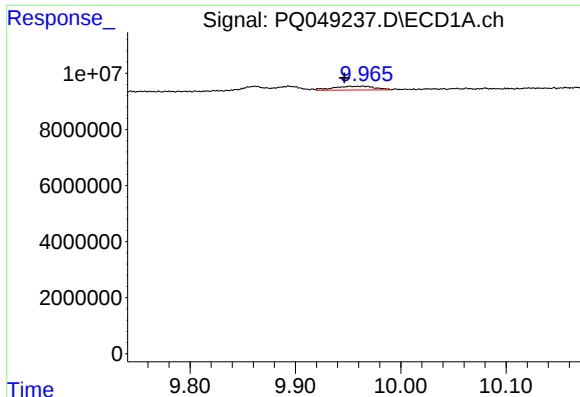
#38 AR-1262-3

R.T.: 9.862 min
Delta R.T.: 0.016 min
Response: 2272478
Conc: 3.52 ng/ml



#38 AR-1262-3

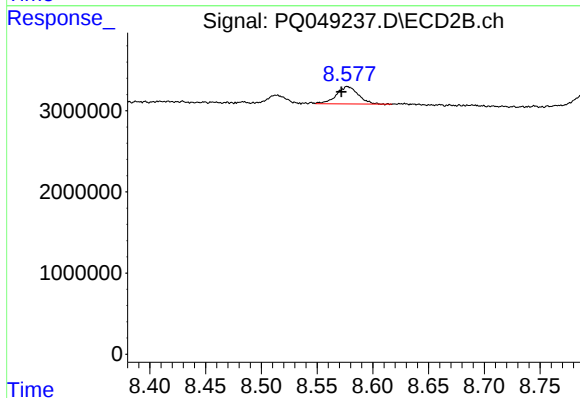
R.T.: 8.514 min
Delta R.T.: 0.006 min
Response: 1246567
Conc: 3.87 ng/ml



#39 AR-1262-4

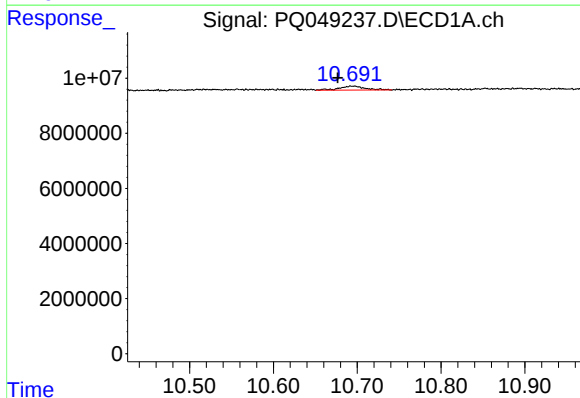
R.T.: 9.952 min
Delta R.T.: 0.005 min
Response: 3711642
Conc: 5.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



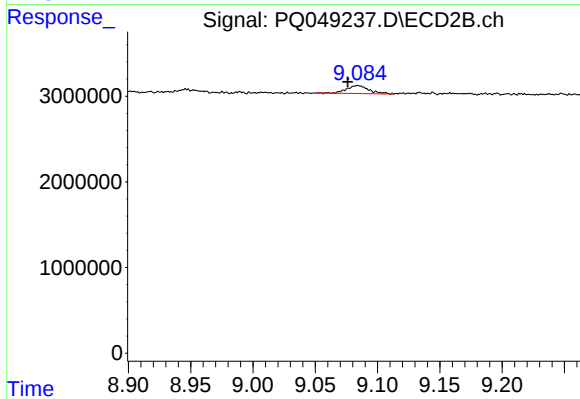
#39 AR-1262-4

R.T.: 8.577 min
Delta R.T.: 0.006 min
Response: 2919433
Conc: 4.95 ng/ml



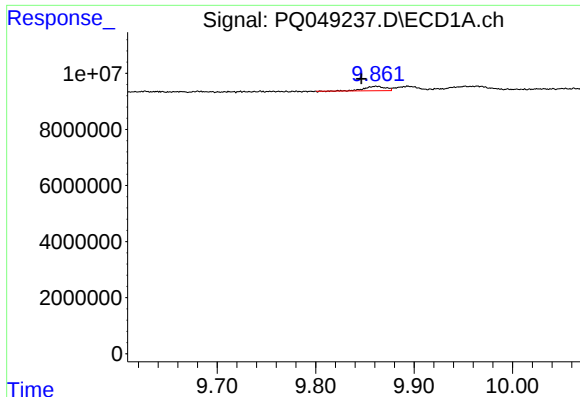
#40 AR-1262-5

R.T.: 10.697 min
Delta R.T.: 0.020 min
Response: 3106771
Conc: 5.63 ng/ml



#40 AR-1262-5

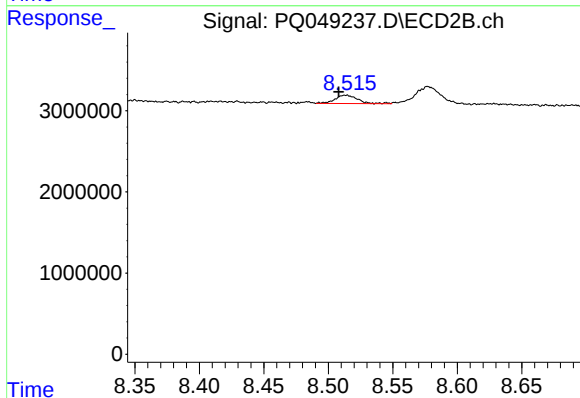
R.T.: 9.084 min
Delta R.T.: 0.008 min
Response: 1168791
Conc: 4.15 ng/ml



#41 AR-1268-1

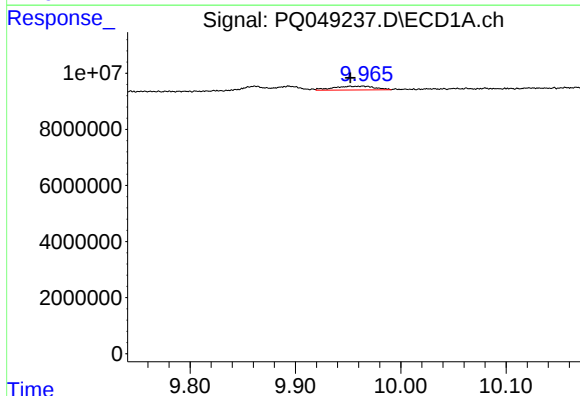
R.T.: 9.862 min
Delta R.T.: 0.015 min
Response: 2272478
Conc: 1.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



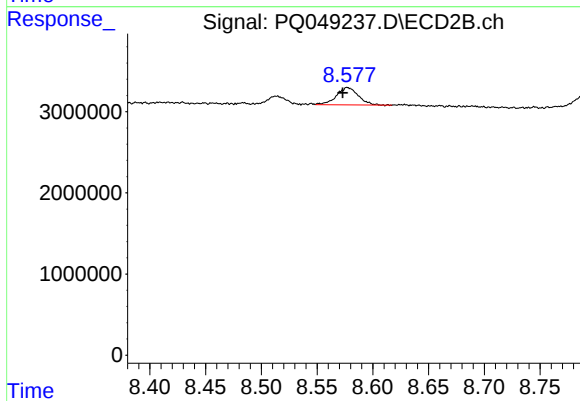
#41 AR-1268-1

R.T.: 8.514 min
Delta R.T.: 0.005 min
Response: 1246567
Conc: 1.35 ng/ml



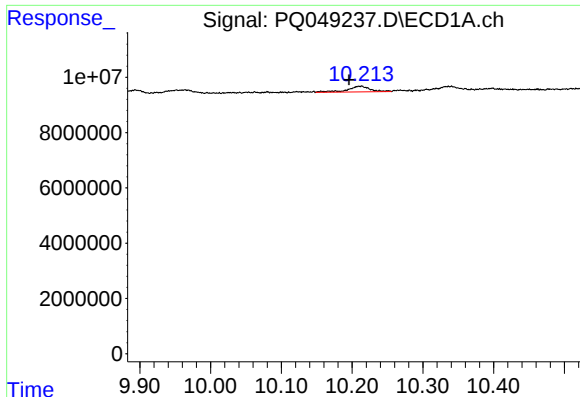
#42 AR-1268-2

R.T.: 9.952 min
Delta R.T.: 0.000 min
Response: 3711642
Conc: 2.36 ng/ml



#42 AR-1268-2

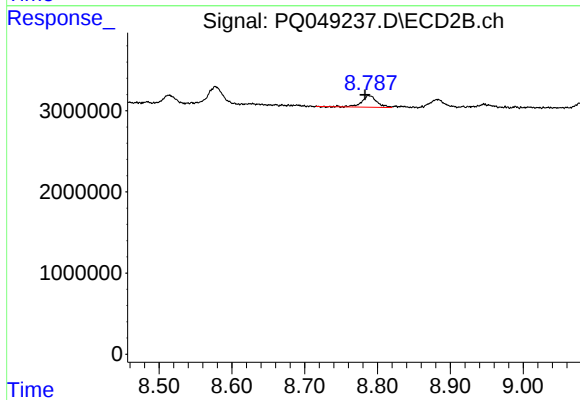
R.T.: 8.577 min
Delta R.T.: 0.004 min
Response: 2919433
Conc: 3.39 ng/ml



#43 AR-1268-3

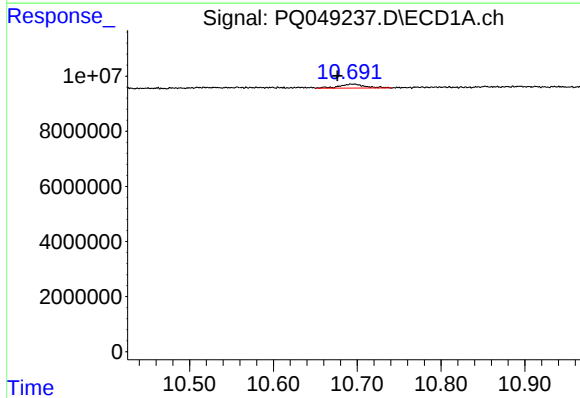
R.T.: 10.213 min
Delta R.T.: 0.018 min
Response: 4575021
Conc: 3.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



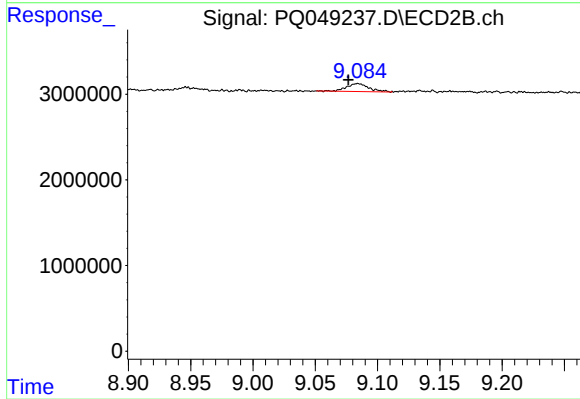
#43 AR-1268-3

R.T.: 8.788 min
Delta R.T.: 0.005 min
Response: 2081144
Conc: 2.89 ng/ml



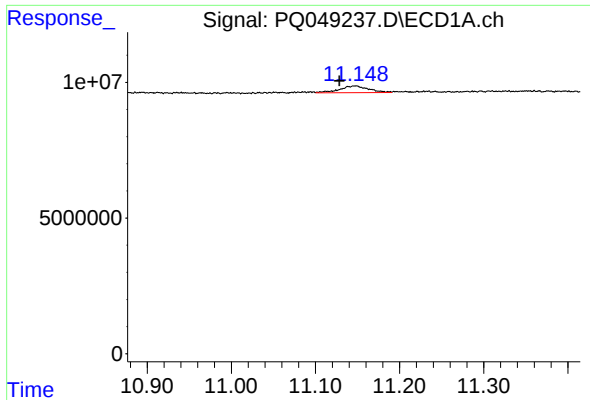
#44 AR-1268-4

R.T.: 10.697 min
Delta R.T.: 0.020 min
Response: 3106771
Conc: 5.03 ng/ml



#44 AR-1268-4

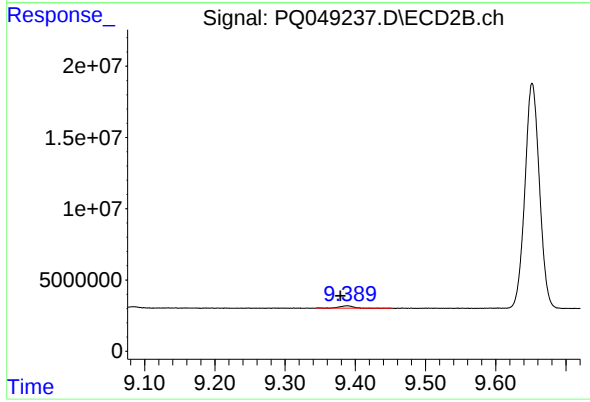
R.T.: 9.084 min
Delta R.T.: 0.007 min
Response: 1168791
Conc: 3.73 ng/ml



#45 AR-1268-5

R.T.: 11.148 min
Delta R.T.: 0.019 min
Response: 5889404
Conc: 1.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.388 min
Delta R.T.: 0.010 min
Response: 2075457
Conc: 0.90 ng/ml